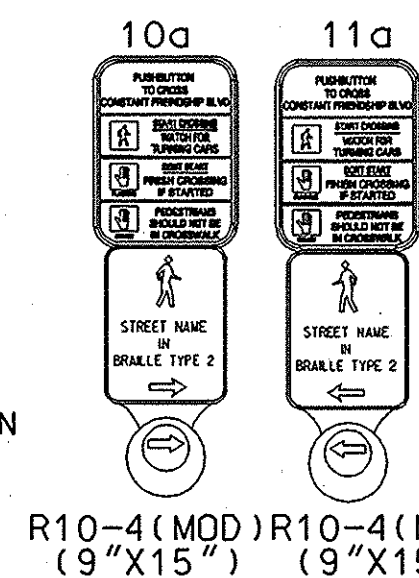
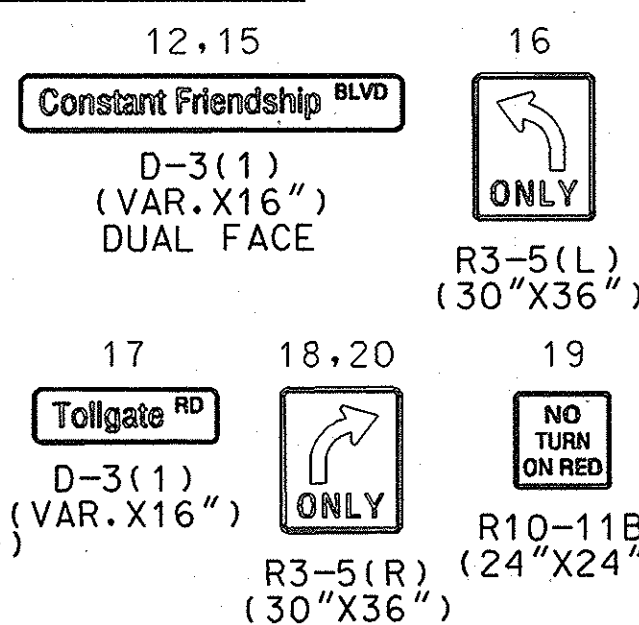


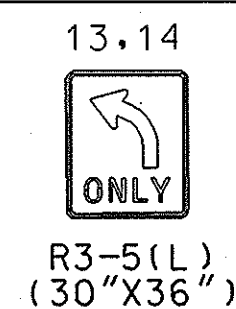
TOLLGATE ROAD IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION



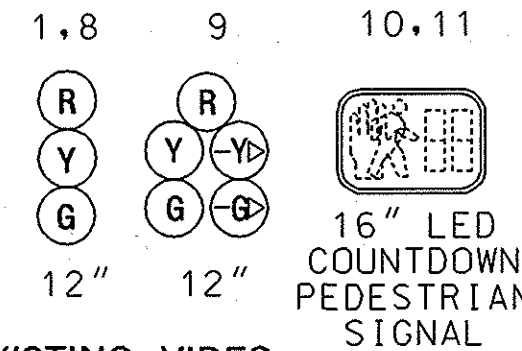
EXISTING SIGNS



EXISTING SIGNS TO BE RELOCATED



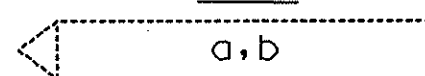
EXISTING LED SIGNALS



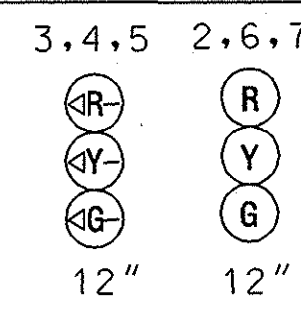
EXISTING VIDEO DETECTION CAMERA



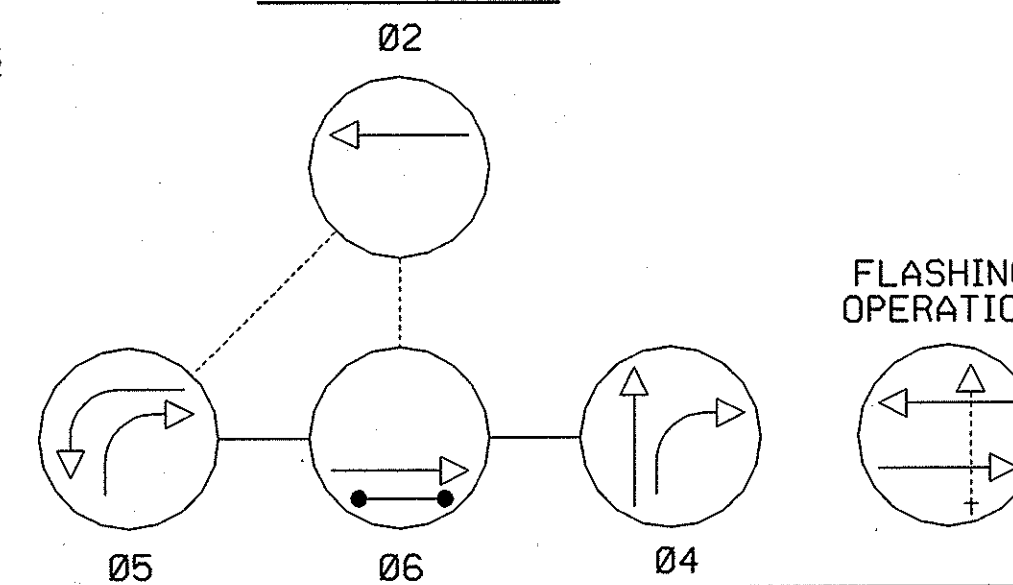
VIDEO DETECTION ZONE



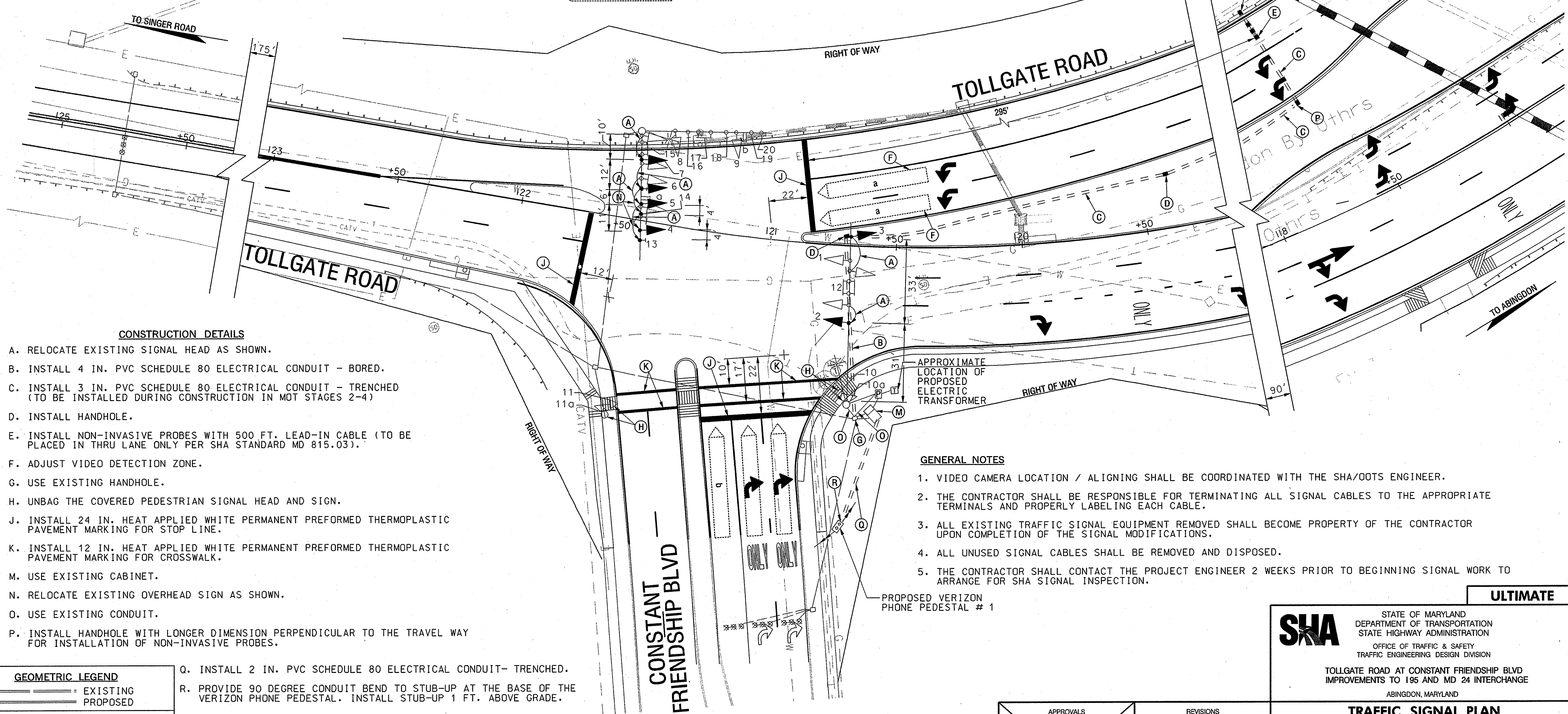
EXISTING LED SIGNALS TO BE RELOCATED



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- RELOCATE EXISTING SIGNAL HEAD AS SHOWN.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (TO BE INSTALLED DURING CONSTRUCTION IN MOT STAGES 2-4)
- INSTALL HANDHOLE.
- INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE (TO BE PLACED IN THRU LANE ONLY PER SHA STANDARD MD 815.03).
- ADJUST VIDEO DETECTION ZONE.
- USE EXISTING HANDHOLE.
- UNBAG THE COVERED PEDESTRIAN SIGNAL HEAD AND SIGN.
- INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- INSTALL 12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- USE EXISTING CABINET.
- RELOCATE EXISTING OVERHEAD SIGN AS SHOWN.
- USE EXISTING CONDUIT.
- INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.

- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- TRENCHED.
- PROVIDE 90 DEGREE CONDUIT BEND TO STUB-UP AT THE BASE OF THE VERIZON PHONE PEDESTAL. INSTALL STUB-UP 1 FT. ABOVE GRADE.

GENERAL NOTES

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA/OOTS ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
- THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER 2 WEEKS PRIOR TO BEGINNING SIGNAL WORK TO ARRANGE FOR SHA SIGNAL INSPECTION.

PROPOSED VERIZON PHONE PEDESTAL # 1

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

SD --- STORM DRAIN
G --- GAS MAIN
W --- WATER MAIN
SAN --- SEWER MAIN
E --- ELECTRIC CABLES
A --- AERIAL CABLES
T --- TELEPHONE CABLES
FO --- FIBER-OPTIC

SCALE: 1" = 20'



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APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DIVISION
CHIEF TRAFFIC ENGINEERING DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

REVISIONS
② MODIFIED DUE TO GEOMETRIC IMPROVEMENTS MDTA # KH-271-000-002
SWA
④ INSTALL RIGHT TURN OVERLAP FOR NB CONSTANT FRIENDSHIP BLVD
02/01

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TOLLGATE ROAD AT CONSTANT FRIENDSHIP BLVD
IMPROVEMENTS TO I95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20'	DATE JANUARY, 2002	CONTRACT NO.
DESIGNED BY D. DICKERSON	COUNTY HARFORD	
DRAWN BY	LOGMILE	
CHECKED BY	TMS NO.	
FAP NO.	TOD NO.	
TS NO.	DRAWING PSG OF P002	SHEET NO. 667 OF 899

PLOTTED: Friday, July 07, 2006 AT 09:04 AM
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